



SHENZHEN TENDA TECHNOLOGY CO.LTD

FCC ID:V7TW900U

Operational Description

This device is a Wireless 11AC Dual-band USB Adapter, Model:W900U, Which operates in 2.412–2462Ghz and 5180–5240Mhz 5745–5825Mhz Band; The maximum data rate could be up to 300Mbps which OFDM technique. If the signal to noise ratio is too poor which could not support 1300Mbps, the 11Mbps data rate with DSSS technique will be applied. for 802.11b/g/a chain 0 or chain 1 was worked separated.

The transmitter of the EUT is powered by (DC5V500mA) usb port,

The device adapts DSSS and OFDM modulation. And the antenna was 3dbi PCB print antenna. And provided diversity function to improve the receiving functions. It allows your computer to connection to a wireless network and to share resources,



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EUT General Description

Model Name: W900U

Brand Name: Tenda

Product Name: Wireless 11AC Dual-band USB Adapter

| ITEMS | CONTENTS |
|--------------------------------------|---|
| 1. Modulation type | B: CCK G: OFDM N: OFDM A: OFDM AC : OFDM |
| 2. Carrier frequency of each channel | 2.4G : 2.412 -2.462GHZ (channel 1-channel 11) 5G : channel 36- channel 48 , channel 149- channel 165 |
| 3. Transmitter or Transceiver * | Transceiver |
| 4. Power Rating (DC/AC, Volt rating) | Power from USB port |
| 5. Maximum output power to Antenna | 2.4G band: 11b:9dBm+/- 1dB 11g : 9dBm+/- 1dB 11n:9dBm+/- 1dB 5.2G: 11a:7dBm+/- 1dB 11n:7dBm+/- 1dB 11ac:7dBm+/- 1dB 5.8G: 11a:7dBm+/- 0.5dB 11n:7dBm+/- 0.5dB 11ac:7dBm+/- 0.5dB |
| 6. Antenna Type, Gain | Pcb print antenna , 3dbi*2 , |
| 7. Operation temperature range | 0°C ~ 40°C |
| 8. Humidity | 10%~ 90% RH |
| 9.TX//RX | 2TX//2RX |